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FIG.1A

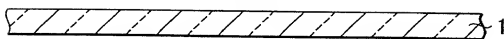


FIG.1B

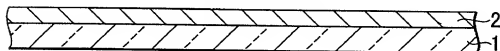


FIG.1C

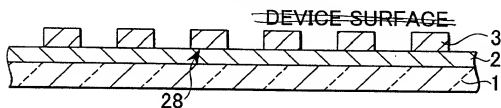


FIG.1D

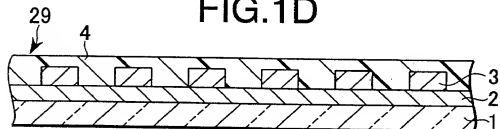
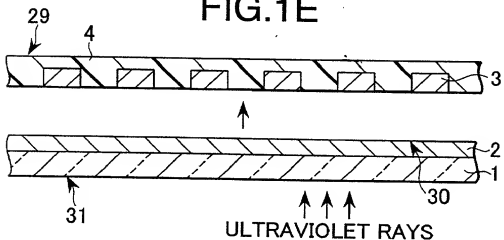
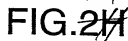


FIG.1E





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FIG. 3J 1J

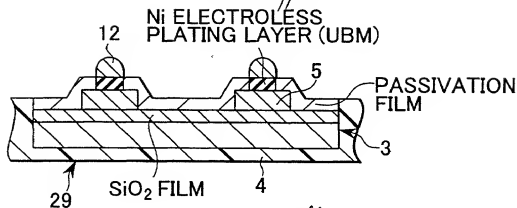


FIG. 3J 1J

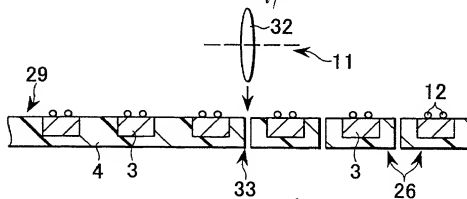


FIG. 3K 1K

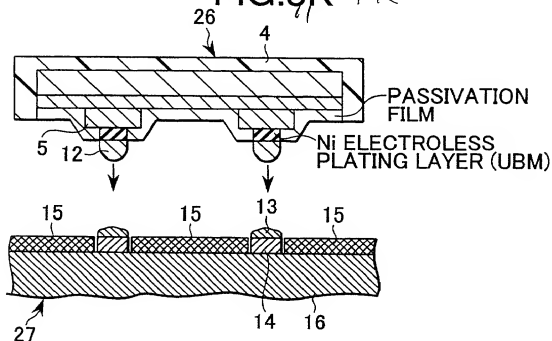


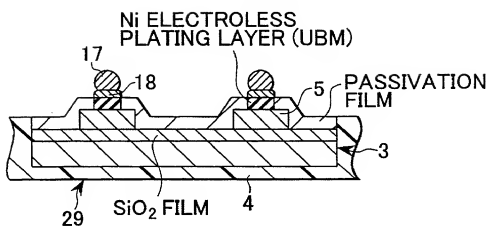
FIG. 4²

FIG. 5³

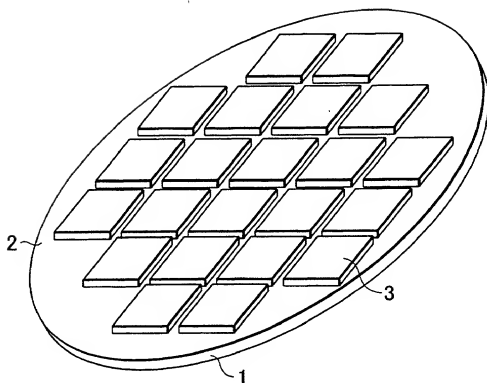
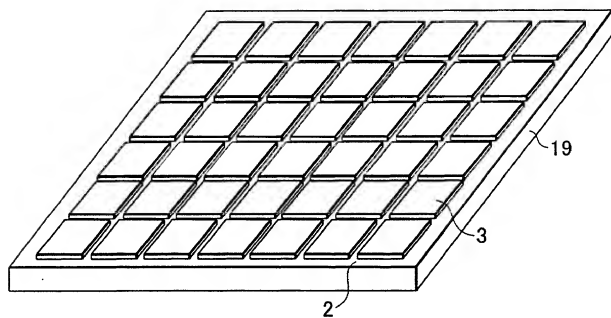


FIG. 6



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FIG. 7A 5A

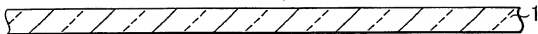


FIG. 7B 5B

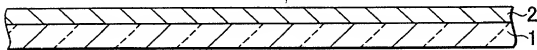


FIG. 7C 5C



FIG. 7D 5D

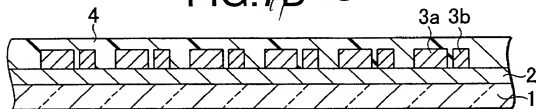
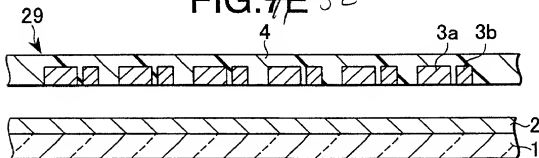


FIG. 7E 5E



↑ ↑ ↑
ULTRAVIOLET
RAYS

FIG. 8F 5F

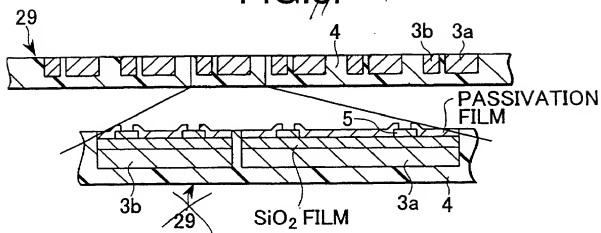


FIG. 8G 5G

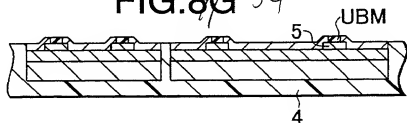


FIG. 8H 5H

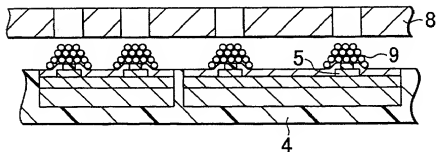


FIG. 9I 5I

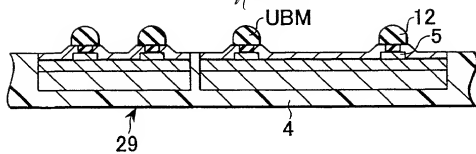


FIG. 9J 5J

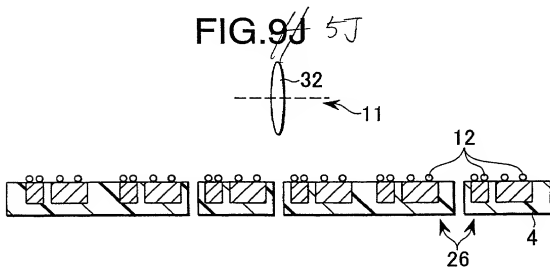


FIG. 10 ~~10~~ b

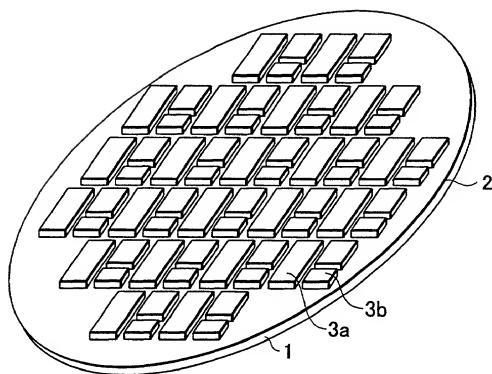
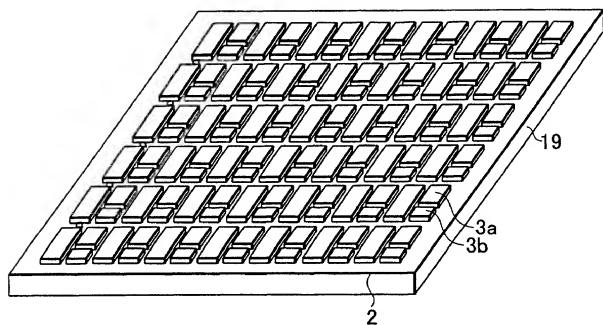


FIG. ~~11~~ 7

A diagram of a rectangular cross-section of a beam. The total height is labeled as 2" on the right side. A central horizontal line divides the beam into two equal parts, each 1" high. The top and bottom regions are shaded with diagonal lines.

Technical drawing of a cross-section of a multi-layered structure. It shows a top layer with diagonal hatching, a middle layer with horizontal hatching, and a bottom layer with diagonal hatching. A central core is labeled 1'. The top layer is labeled 4'. The middle layer is labeled 3' and 2'. The bottom layer is labeled 1'. A handwritten note '3' is next to the middle layer, and a handwritten note '1' is next to the bottom layer.

FIG. 14

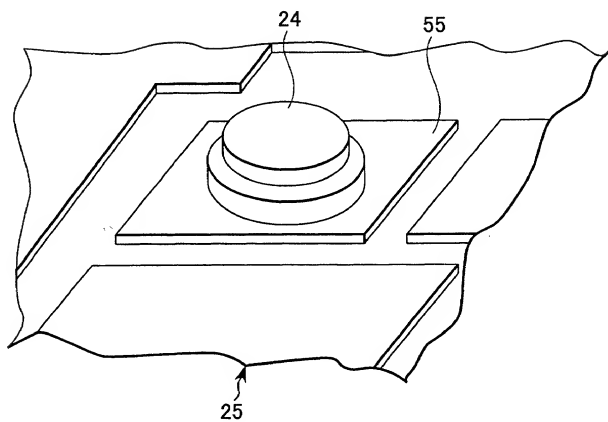
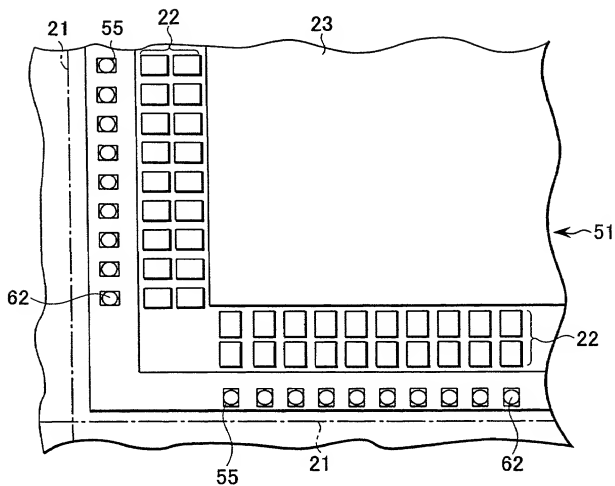


FIG. 15



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FIG. 16A 11A



FIG. 16B 11B

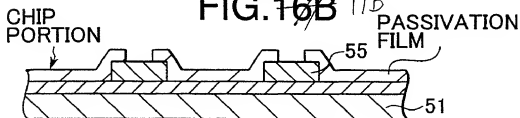


FIG. 16C 11C

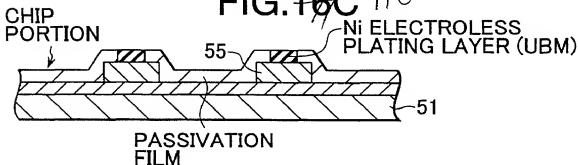


FIG. 16D 11D

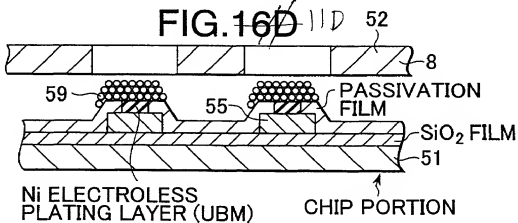


FIG. 16E 11E

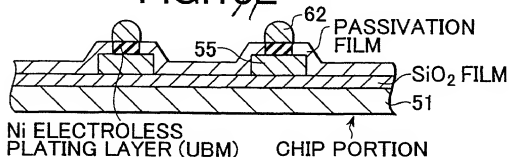


FIG. 17 12A

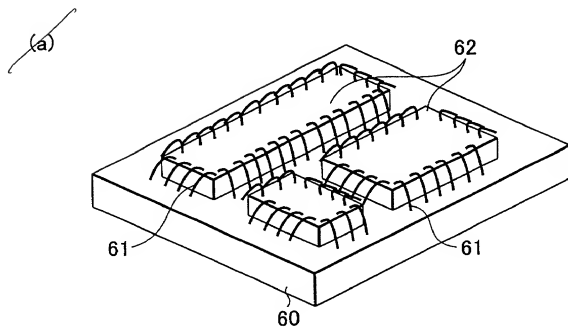
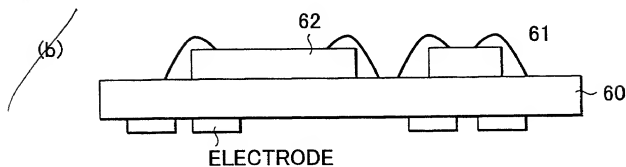


FIG. 12B



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FIG.18A 13A

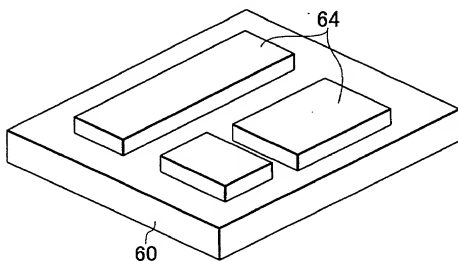


FIG.18B 13B

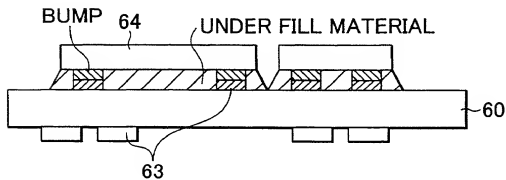
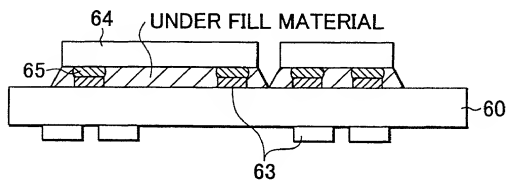


FIG.18C 13C



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FIG. 19